

***Amendments to the Specification***

At page 22-33 in the specification, please replace paragraph [0067] with the following replacement paragraph [0067].

[0067] Given the large number of gene sequences available for a wide variety of animal, plant and microbial species, it is possible to calculate the relative frequencies of codon usage. Codon usage tables are readily available, for example, at the "Codon Usage Database" available on the world wide web at <http://www.kazusa.or.jp/codon/> (visited July 9, 2002), and these tables can be adapted in a number of ways. See Nakamura, Y., et al. "Codon usage tabulated from the international DNA sequence databases: status for the year 2000" Nucl. Acids Res. 28:292 (2000). Codon usage tables for human, mouse, domestic cat, and cow, calculated from GenBank Release 128.0 [15 February 2002], are reproduced below as Tables 2-5. These tables use mRNA nomenclature, and so instead of thymine (T) which is found in DNA, the tables use uracil (U) which is found in RNA. The tables have been adapted so that frequencies are calculated for each amino acid, rather than for all 64 codons.